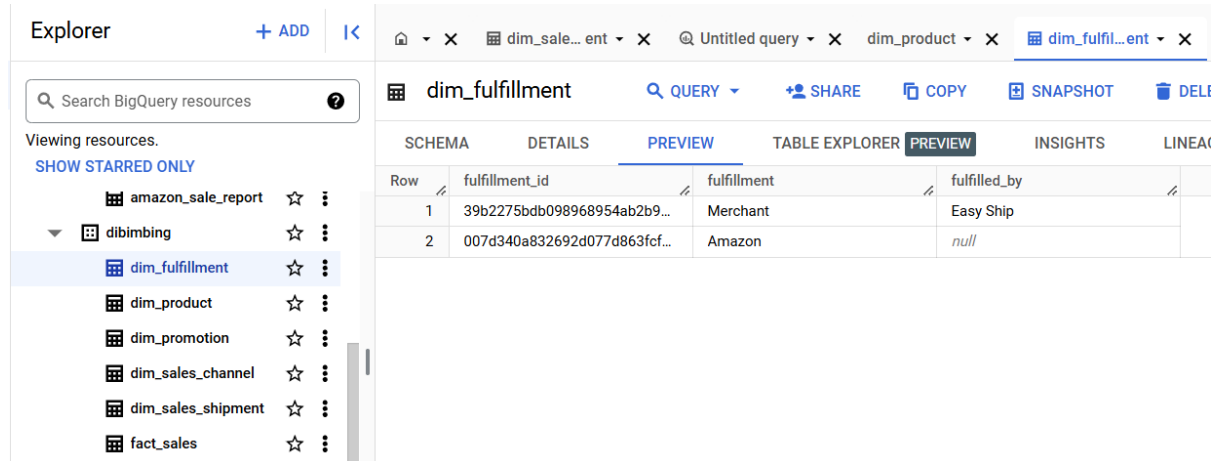


Result Data Build Tools

Nama: Raihan Mufadhdhol Jefri

Kelas: DE 8

1. Table dim_fulfillment



Explorer + ADD

Search BigQuery resources

Viewing resources. SHOW STARRED ONLY

- amazon_sale_report
- dibimbing
- dim_fulfillment**
- dim_product
- dim_promotion
- dim_sales_channel
- dim_sales_shipment
- fact_sales

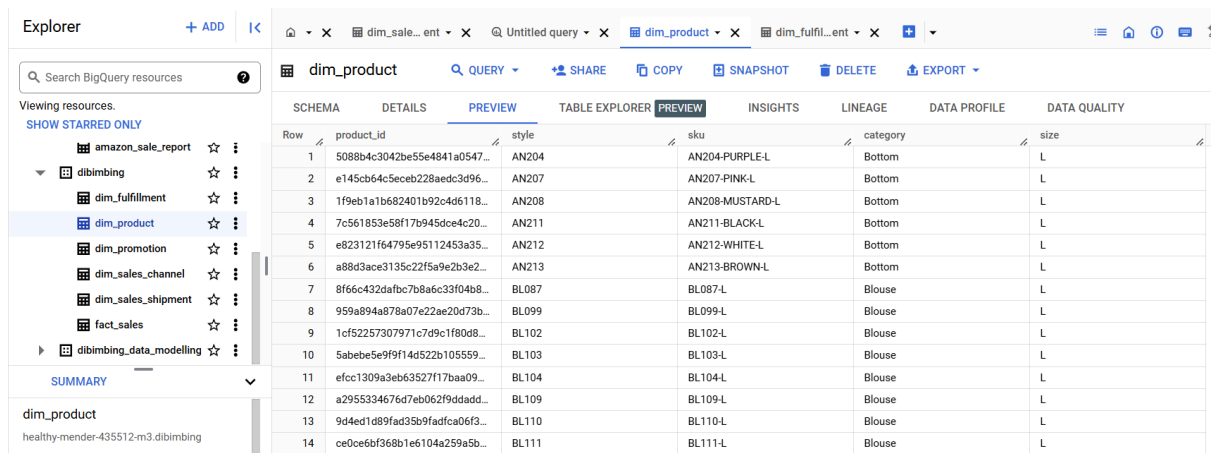
dim_fulfillment

QUERY SHARE COPY SNAPSHOT DELT

SCHEMA DETAILS PREVIEW TABLE EXPLORER PREVIEW INSIGHTS LINEAGE

Row	fulfillment_id	fulfillment	fulfilled_by
1	39b2275bdb098968954ab2b9...	Merchant	Easy Ship
2	007d340a832692d077d863fcf...	Amazon	null

2. Table dim_product



Explorer + ADD

Search BigQuery resources

Viewing resources. SHOW STARRED ONLY

- amazon_sale_report
- dibimbing
- dim_fulfillment
- dim_product**
- dim_promotion
- dim_sales_channel
- dim_sales_shipment
- fact_sales
- dibimbing_data_modelling

dim_product

QUERY SHARE COPY SNAPSHOT DELETE EXPORT

SCHEMA DETAILS PREVIEW TABLE EXPLORER PREVIEW INSIGHTS LINEAGE DATA PROFILE DATA QUALITY

Row	product_id	style	sku	category	size
1	5088b4c3042be55e4841a0547...	AN204	AN204-PURPLE-L	Bottom	L
2	e145cb64c5eceb228aedc3d96...	AN207	AN207-PINK-L	Bottom	L
3	1f9eb1a1b682401b92c4d6118...	AN208	AN208-MUSTARD-L	Bottom	L
4	7c561853e58f17b945dce4c20...	AN211	AN211-BLACK-L	Bottom	L
5	e823121f64795e95112453a35...	AN212	AN212-WHITE-L	Bottom	L
6	a88d3ace3135c22f5a9e2b3e2...	AN213	AN213-BROWN-L	Bottom	L
7	8f66c432dafbc7b8a6c33f04b8...	BL087	BL087-L	Blouse	L
8	959a894a878a07e22ae20d73b...	BL099	BL099-L	Blouse	L
9	1cf52257307971c7d9c1f80d8...	BL102	BL102-L	Blouse	L
10	5abebe5e9f114d522b105559...	BL103	BL103-L	Blouse	L
11	efcc1309a3eb63527f17baa09...	BL104	BL104-L	Blouse	L
12	a2955334676d7eb062f9ddadd...	BL109	BL109-L	Blouse	L
13	9d4ed1d89fad35b9fadfca06f3...	BL110	BL110-L	Blouse	L
14	ce0ce6bf368b1e6104a259a5b...	BL111	BL111-L	Blouse	L

3. Table dim_promotion

Explorer

+ ADD

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✕

📊 dim_sale... ent

✕

🔍 Untitled query

✕

📊 dim_pro.

🔍 Search BigQuery resources

?

Viewing resources.

SHOW STARRED ONLY

📊 amazon_sale_report

☆

⋮

▼

📊 dibimbing

☆

⋮

📊 dim_fulfillment

☆

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📊 dim_product

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📊 dim_promotion

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📊 dim_sales_channel

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📊 dim_sales_shipment

☆

⋮

📊 fact_sales

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▶

📊 dibimbing_data_modelling

☆

⋮

SUMMARY

▼

dim_promotion

healthy-mender-435512-m3.dibimbing

📊 dim_promotion

🔍 QUERY

+

SHARE

📄 CO

SCHEMA

DETAILS

PREVIEW

TABLE EXPLORER

PREVIEW

Row	promotion_id	promotion_ids
1	fba4bb4c4e819c166e32b9b3f...	Amazon PLCC Free-Financing Universal Merchant AAT-WNKTBO3K27EJC,Amazon PLCC Free-Financing
2	e309dccdd7cecb9dff7f5b9f2a...	Amazon PLCC Free-Financing Universal Merchant AAT-WNKTBO3K27EJC,Amazon PLCC Free-Financing
3	dcbd7bbe9ecd5063638a37f74...	Amazon PLCC Free-Financing Universal Merchant AAT-WNKTBO3K27EJC,Amazon PLCC Free-Financing

4. Table dim_sales_shipment

Explorer

+ ADD

Search BigQuery resources

Viewing resources.

SHOW STARRED ONLY

amazon_sale_report

dibimbing

dim_fulfillment

dim_product

dim_promotion

dim_sales_channel

dim_sales_shipment

fact_sales

dibimbing_data_modelling

SUMMARY

dim_sales_shipment

healthy-mender-435512-m3.dibimbing

dim_sales_ent

Untitled query

dim_sales...nel

dim_fulfill...ent

dim_sales_shipment

QUERY

SHARE

COPY

SNAPSHOT

DELETE

EXPORT

SCHEMA

DETAILS

PREVIEW

TABLE EXPLORER

PREVIEW

INSIGHTS

LINEAGE

DATA PROFILE

DATA QUALITY

Row	shipment_id	ship_postal_code	ship_city	ship_state	ship_country
1	577caa0f621ffa557820ecb55...	null	null	null	null
2	afdec3ce74236008b4cdd32d...	791113.0	ITANAGAR	AR	IN
3	11179ddd61d5203ede1c278d...	797116.0	DIMAPUR	NL	IN
4	06fab4e151fce88c0d34a8fdc5...	142044.0	ZIRA	PB	IN
5	5880321c1babc6425b7dff3e...	302029.0	JAIPUR	RJ	IN
6	c374fec84e1f61b93f7e3d47c5...	342009.0	JODHPUR	RJ	IN
7	9416b1bbe1795b1a38318630...	959121.0	APO	APO	IN
8	0c510e3587ef6b01d9fa6f97bf...	403110.0	Goa	GOA	IN
9	08b6935b582549850b209a60...	403516.0	BAGA	GOA	IN
10	bef50c10b7092ef8757c59a33...	403530.0	ONDA	GOA	IN
11	cf6b7b3bab2e70f4943b3bd43...	403720.0	RAJA	GOA	IN
12	7266a903a4f10bea01fbd26f53...	403103.0	BORIM	GOA	IN
13	0639726fecb3c2e5e4f8ae597...	403708.0	Colva	GOA	IN
14	092e02bba78adf238a04533ce...	403505.0	Honda	GOA	IN

5. dim_sales_channel

Explorer + ADD IK

Search BigQuery resources

Viewing resources.

[SHOW STARRED ONLY](#)

- amazon_sale_report
- dibimbing
- dim_fulfillment
- dim_product
- dim_promotion
- dim_sales_channel**
- dim_sales_shipment
- fact_sales
- dibimbing_data_modelling

[SUMMARY](#)

dim_sales_channel

QUERY + SHARE

SCHEMA DETAILS PREVIEW TABLE EXPLORER

Row	sales_channel_id	sales_channel
1	4f51cd3ba9dff2cf6b57a32372...	Amazon.in
2	480dca0c67a2f362b072205f5...	Non-Amazon

6. fact_sales

Explorer + ADD IK

Search BigQuery resources

Viewing resources.

[SHOW STARRED ONLY](#)

- amazon_sale_report
- dibimbing
- dim_fulfillment
- dim_product
- dim_promotion
- dim_sales_channel
- dim_sales_shipment
- fact_sales**
- dibimbing_data_modelling

[SUMMARY](#)

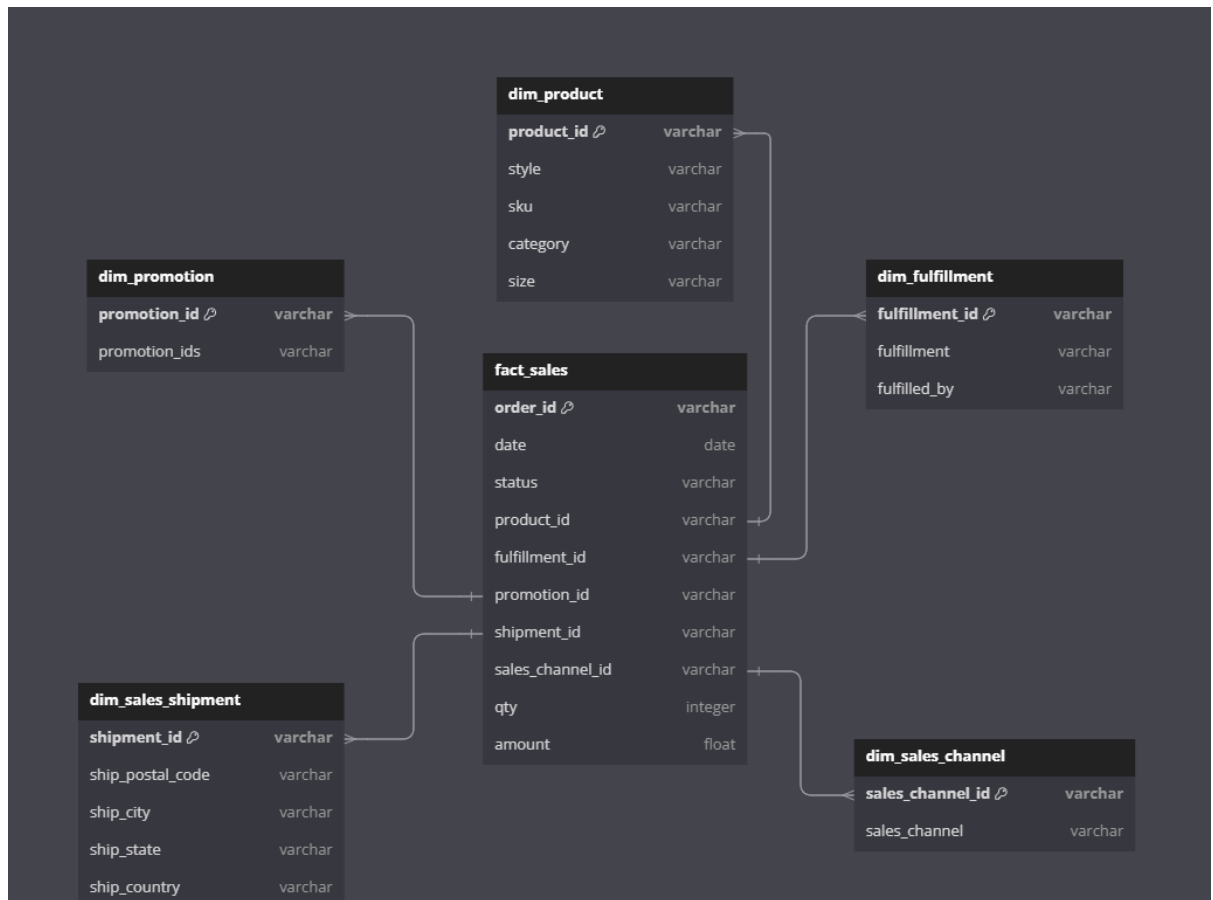
fact_sales

QUERY + SHARE + COPY + SNAPSHOT + DELETE + EXPORT + REFRESH

SCHEMA DETAILS PREVIEW TABLE EXPLORER INSIGHTS LINEAGE DATA PROFILE DATA QUALITY

Row	order_id	date	status	product_id	fulfillment_id	promotion_id	shipment_id	sales_channel_id	qty
1	408-0528369-3880756	2022-06-23	Shipped - Delivered to Buyer	fb930130356d0c3bd060b54c...	39b22779b0d099698954a02b9...	02e1f095d95c24380a39414d...	217b70e91c0d0e195aef7ac09...	4f51cd3ba9dff2cf6b57a32372...	1
2	408-3437785-2960360	2022-06-23	Shipped - Delivered to Buyer	2a2fb4807104c4c25f8f8e7b...	39b22779b0d099698954a02b9...	02e1f095d95c24380a39414d...	b7fcb8ac704d0e095a5e54b6...	4f51cd3ba9dff2cf6b57a32372...	1
3	408-9235091-1157148	2022-06-23	Shipped - Delivered to Buyer	9c1c85450a1b27f0ced78ff...	39b22779b0d099698954a02b9...	02e1f095d95c24380a39414d...	83d9d78aac0d0e0e3e5f8e0d9...	4f51cd3ba9dff2cf6b57a32372...	1
4	408-3427536-9027101	2022-06-23	Shipped - Delivered to Buyer	c43c882b0942f47366444890...	39b22779b0d099698954a02b9...	02e1f095d95c24380a39414d...	e144f0db49f077d18202cbe9...	4f51cd3ba9dff2cf6b57a32372...	1
5	408-6420898-6957963	2022-06-23	Shipped - Delivered to Buyer	6d702a9e27f0a76e1dd0e0c...	39b22779b0d099698954a02b9...	02e1f095d95c24380a39414d...	93b0765526e6c1a6d4f961a...	4f51cd3ba9dff2cf6b57a32372...	1
6	408-7485196-2057138	2022-06-23	Shipped - Picked Up	6c8b7f93b40d2739c3d0e0d...	39b22779b0d099698954a02b9...	02e1f095d95c24380a39414d...	ba8f1735303a0e6186a4d0b...	4f51cd3ba9dff2cf6b57a32372...	1
7	408-7489332-4705158	2022-06-07	Shipped - Delivered to Buyer	539f1f9802f0a621b03000f...	39b22779b0d099698954a02b9...	04f19af2a30c3d8330a02186...	6a30eef1f0b0a3c4e6a0ff16...	4f51cd3ba9dff2cf6b57a32372...	1
8	408-7818804-3741113	2022-04-07	Shipped - Delivered to Buyer	cd0c3a524c42ba89f4a7c5c...	39b22779b0d099698954a02b9...	04f19af2a30c3d8330a02186...	fd0e020a85e0c0d5e0c3e4f5...	4f51cd3ba9dff2cf6b57a32372...	1
9	408-2520113-0321555	2022-04-07	Shipped - Delivered to Buyer	fb6e4143b9b305ae1f31217a...	39b22779b0d099698954a02b9...	04f19af2a30c3d8330a02186...	61e1f0c3a0928930133159b...	4f51cd3ba9dff2cf6b57a32372...	1
10	408-9570090-8725115	2022-04-07	Shipped - Delivered to Buyer	29d954d0e43417601c7f1e1a...	39b22779b0d099698954a02b9...	04f19af2a30c3d8330a02186...	9c74754b0471b3cb0159a0d0...	4f51cd3ba9dff2cf6b57a32372...	1
11	408-5132096-7393106	2022-06-18	Shipped - Delivered to Buyer	3f0ca0d1479f08a7b150b048...	39b22779b0d099698954a02b9...	079ac3cad120a33873a667e16...	24877a5994f02b1560b426a2...	4f51cd3ba9dff2cf6b57a32372...	1
12	408-430051-1233968	2022-06-18	Shipped - Delivered to Buyer	1c1f404b0d8b33a77602248...	39b22779b0d099698954a02b9...	079ac3cad120a33873a667e16...	677aae87731422b050097a2...	4f51cd3ba9dff2cf6b57a32372...	1
13	408-4495527-1776352	2022-06-20	Shipped - Delivered to Buyer	93ba30032f1a5f905125c057...	39b22779b0d099698954a02b9...	079ac3cad120a33873a667e16...	1a60573636ac2a0c88922b01...	4f51cd3ba9dff2cf6b57a32372...	1
14	408-8959223-3157148	2022-06-22	Shipped - Delivered to Buyer	e3f995a994e7c15c187245a6f...	39b22779b0d099698954a02b9...	079ac3cad120a33873a667e16...	8d89109940e031b093156ac1f...	4f51cd3ba9dff2cf6b57a32372...	1
15	408-3256231-2599513	2022-06-18	Shipped - Delivered to Buyer	0ac45fe56c3d8e9022967b5...	39b22779b0d099698954a02b9...	079ac3cad120a33873a667e16...	61c453240d0e0d8dca38607...	4f51cd3ba9dff2cf6b57a32372...	1
16	2324898-3425108	2022-06-18	Shipped - Delivered to Buyer	93ab8d40d39f48574e48f301...	39b22779b0d099698954a02b9...	079ac3cad120a33873a667e16...	82c02b0f0ec367c0e0d2419...	4f51cd3ba9dff2cf6b57a32372...	1
17	408-5236112-1992334	2022-06-20	Shipped - Delivered to Buyer	5db0b5332b0d1c2a80e6dc...	39b22779b0d099698954a02b9...	079ac3cad120a33873a667e16...	0ff8da1234941d9c480a2007...	4f51cd3ba9dff2cf6b57a32372...	1
18	408-6357760-6064311	2022-06-19	Shipped - Delivered to Buyer	0b15625e7a529f13a09096047...	39b22779b0d099698954a02b9...	079ac3cad120a33873a667e16...	d01f0f164e47a219ec9335007...	4f51cd3ba9dff2cf6b57a32372...	1
19	408-9348210-6833905	2022-06-20	Shipped - Delivered to Buyer	da80c47d344d8d836b13afa...	39b22779b0d099698954a02b9...	079ac3cad120a33873a667e16...	6a00f42146a6647897540b0e...	4f51cd3ba9dff2cf6b57a32372...	1
20	408-3586716-5893950	2022-06-22	Shipped - Delivered to Buyer	2a2fb4807104c4c25f8f8e7b...	39b22779b0d099698954a02b9...	079ac3cad120a33873a667e16...	8b00a1a0eac708176d3adda9...	4f51cd3ba9dff2cf6b57a32372...	1
21	408-1321191-3685164	2022-05-10	Shipped - Delivered to Buyer	e1c0a664064727b7029f06d...	39b22779b0d099698954a02b9...	095bebed2b7ec6020c194382...	cff38a9d285e15126bc846d05...	4f51cd3ba9dff2cf6b57a32372...	1
22	408-4680774-5224334	2022-05-09	Shipped - Delivered to Buyer	d0414616201c028ac0425cd...	39b22779b0d099698954a02b9...	095bebed2b7ec6020c194382...		4f51cd3ba9dff2cf6b57a32372...	1
23	408-5405442-7434733	2022-05-10	Shipped - Delivered to Buyer	0c846a5e3f5f81608b1c0db...	39b22779b0d099698954a02b9...	095bebed2b7ec6020c194382...		4f51cd3ba9dff2cf6b57a32372...	1

7. ERD Star Schema



8. Analysis using Star Schema

Searching city with the most shipping

The screenshot shows the Google BigQuery interface. On the left is the Explorer pane with a tree view of datasets including `dibimbing` and `dibimbing_data_modelling`. The main editor displays a query titled "Untitled query":

```
1 SELECT dss.ship_city, COUNT(dss.ship_city) AS count_shipment
2 FROM `healthy-mender-435512-m3.dibimbing.fact_sales` fs
3 LEFT JOIN `healthy-mender-435512-m3.dibimbing.dim_sales_shipment` dss ON dss.shipment_id = fs.shipment_id
4 GROUP BY 1
5 ORDER BY 2 DESC
6 -- LIMIT 1000
```

Below the query editor, the "Query results" pane shows a table with 8 rows of data:

Row	ship_city	count_shipment
1	BENGALURU	11216
2	HYDERABAD	8074
3	MUMBAI	6126
4	NEW DELHI	5795
5	CHENNAI	5421
6	PUNE	3856
7	KOLKATA	2381
8	GURUGRAM	1868